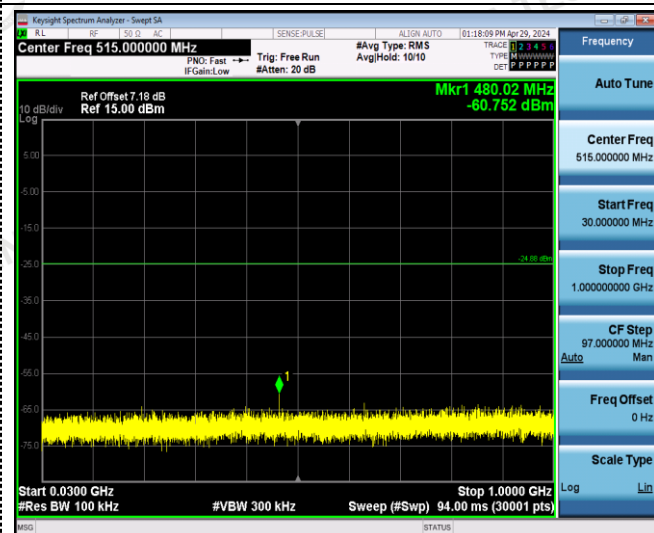
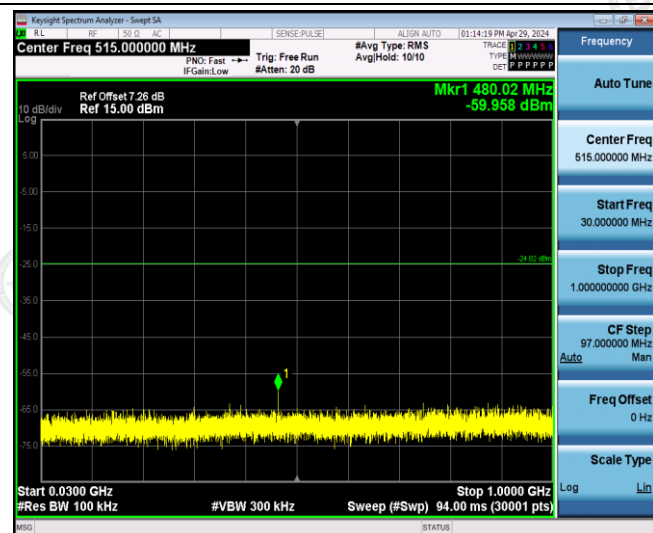
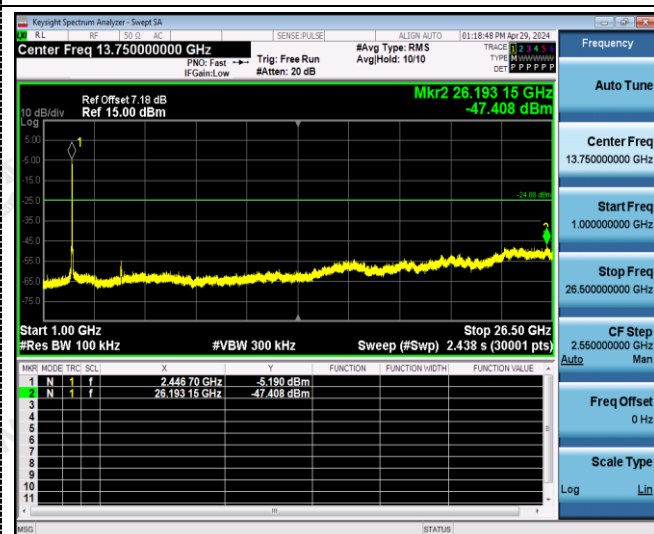
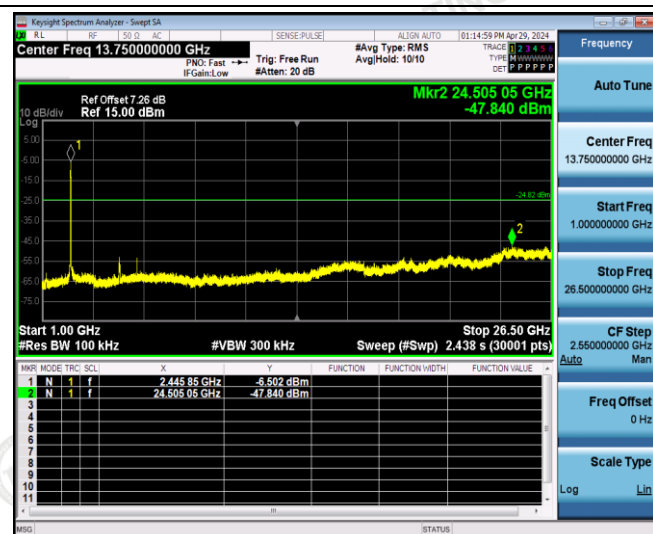


802.11n40

Reference
CH06Reference
CH09

30MHz-1GHz

30MHz-1GHz

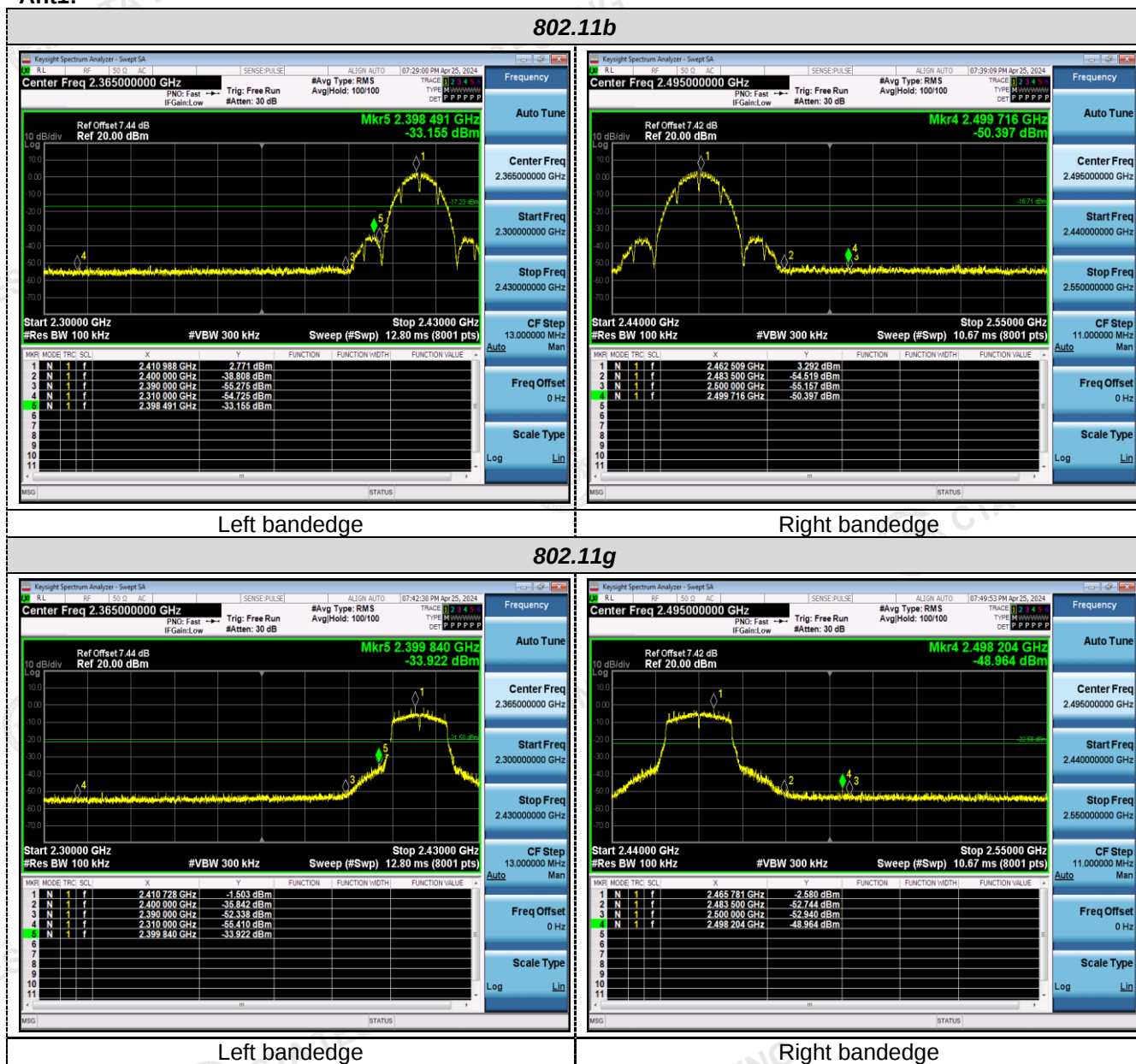


1GHz -25GHz

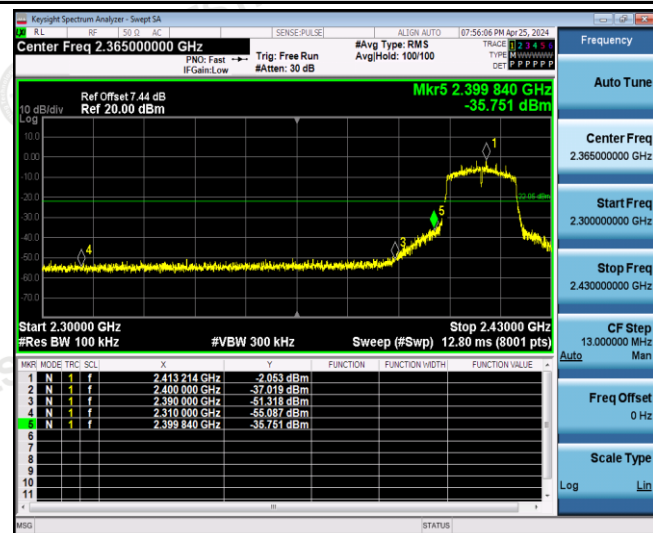
1GHz -25GHz

Band-edge Measurements for RF Conducted Emissions:

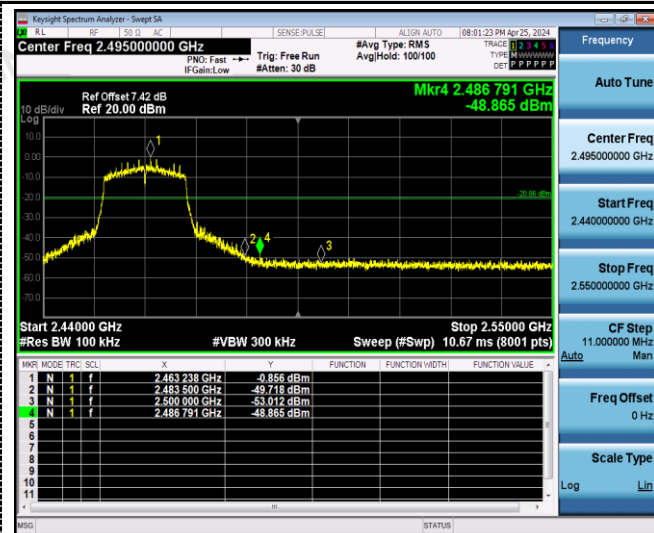
Ant1:



802.11n(HT20)

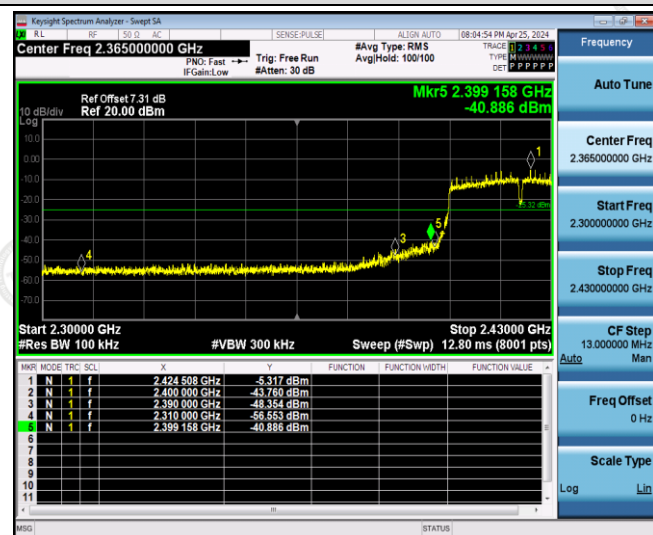


Left bandedge

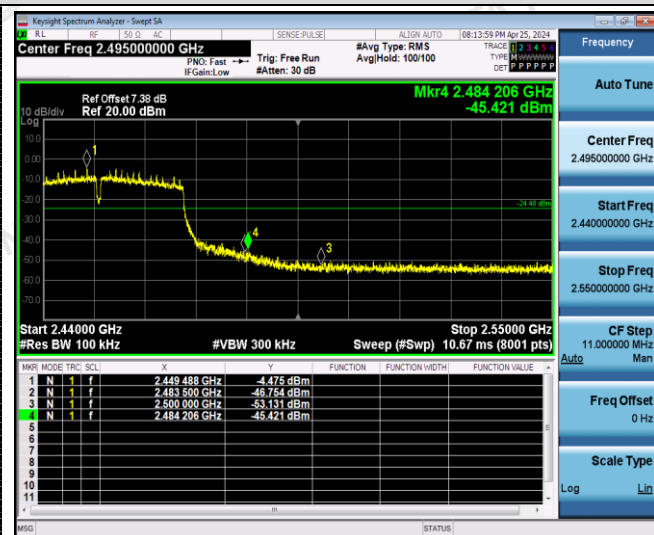


Right bandedge

802.11n(HT40)

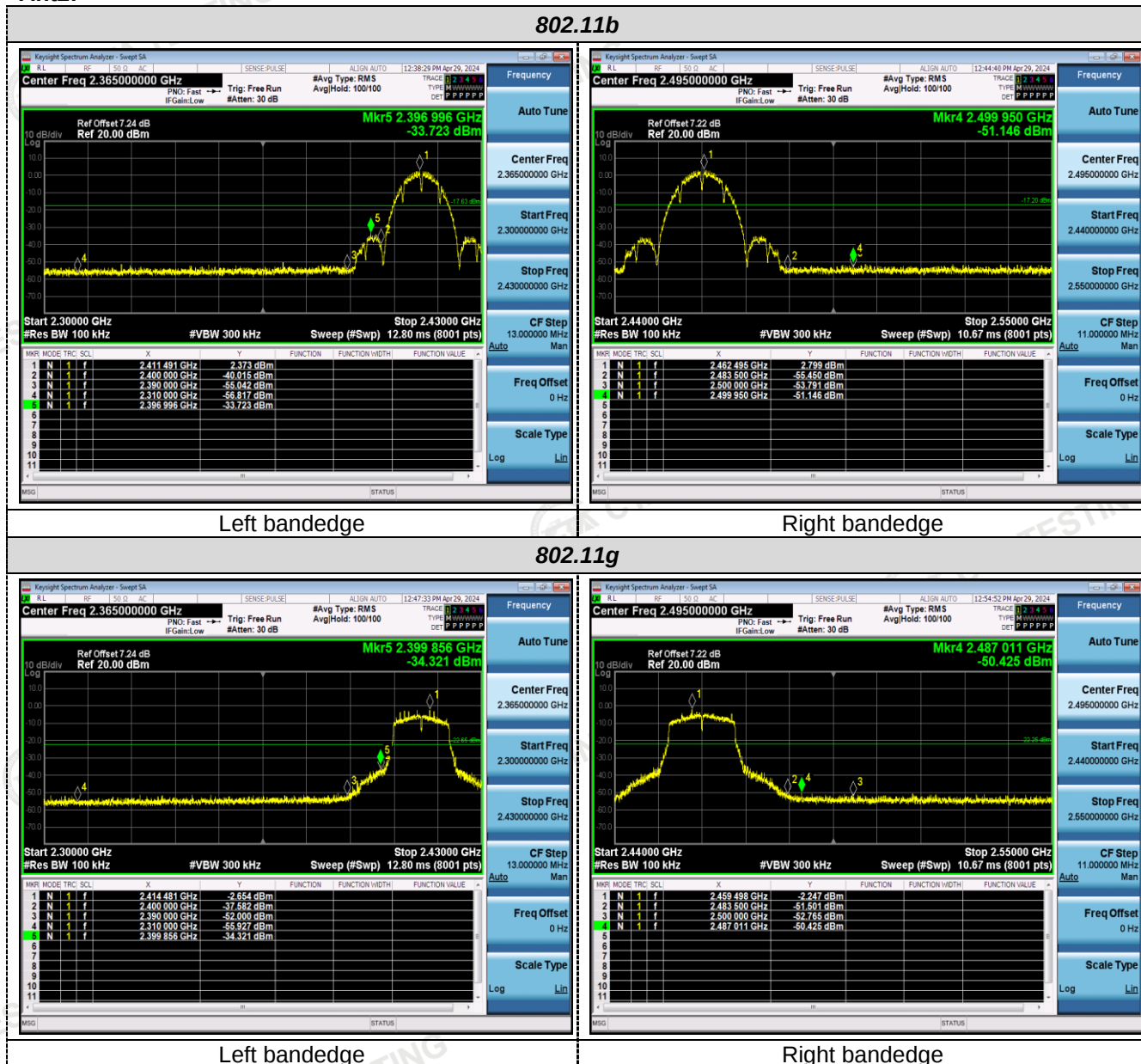


Left bandedge

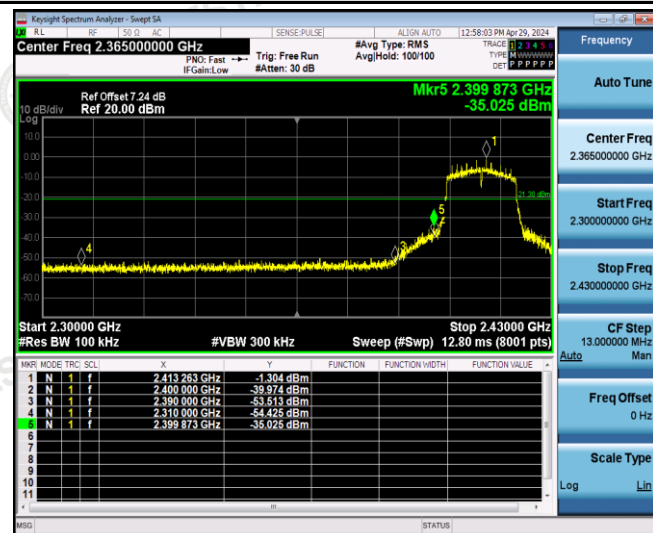


Right bandedge

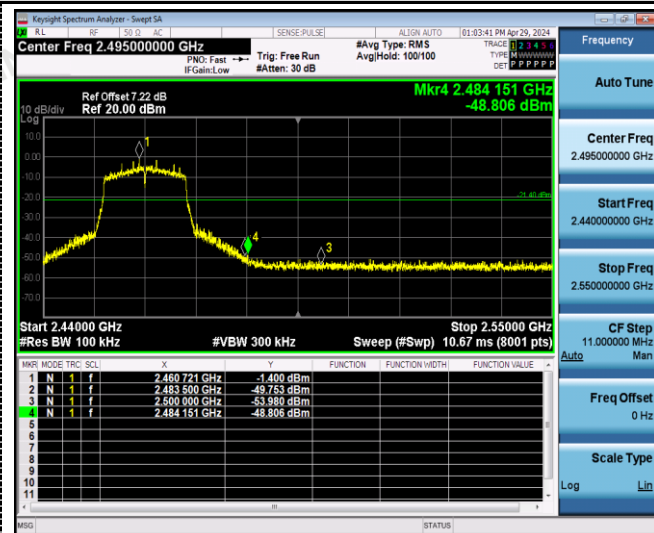
Ant2:



802.11n(HT20)

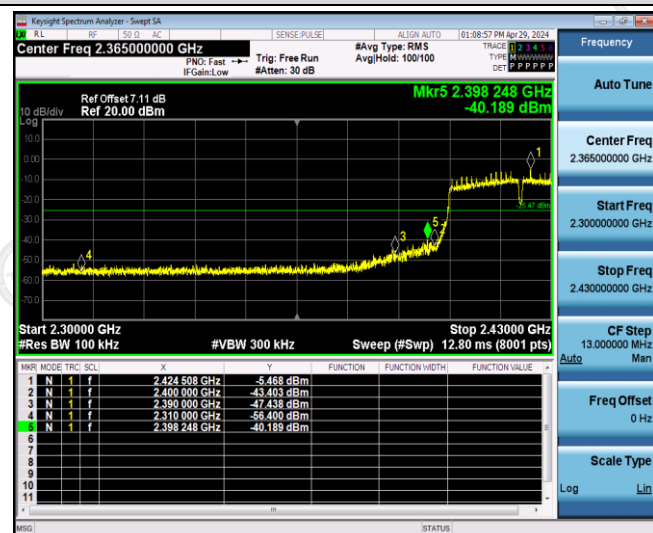


Left bandedge

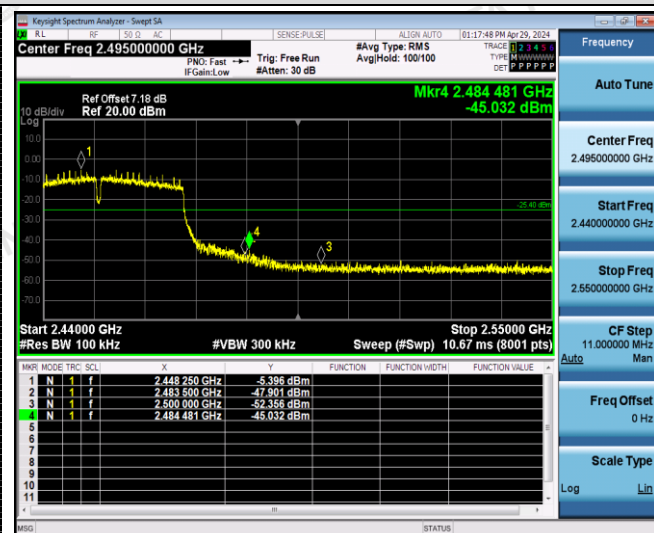


Right bandedge

802.11n(HT40)



Left bandedge



Right bandedge

4.7 Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

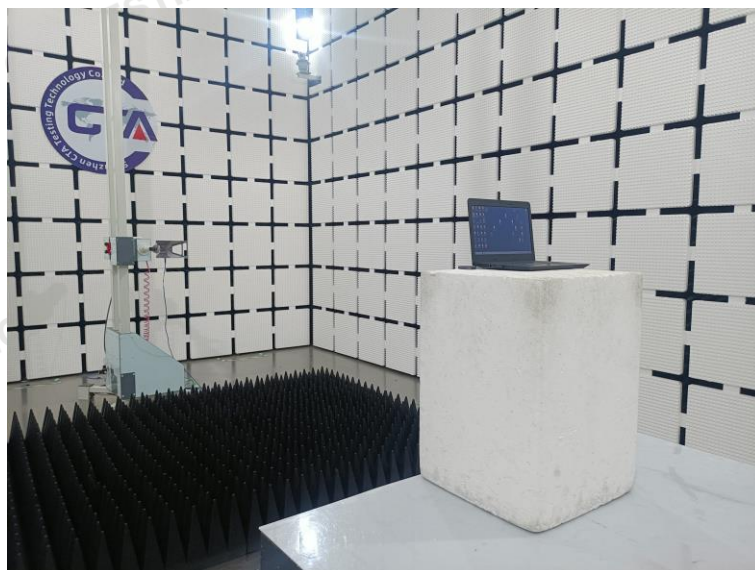
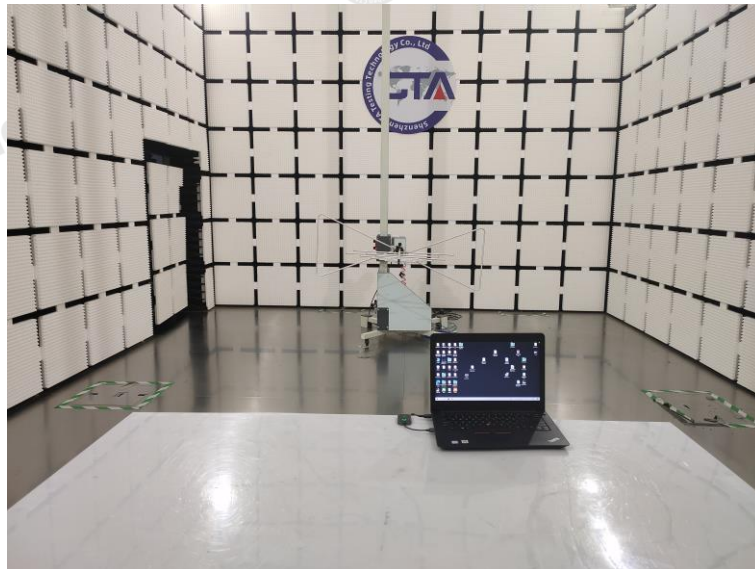
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result:

The maximum antenna gain for antennas 1 is 0.52 dBi and 2 is 1.01 dBi.

Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen CTA Testing Technology Co., Ltd. does not assume any responsibility.

5 Test Setup Photos of the EUT



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6 Photos of the EUT

Reference to the test report No. CTA24042402201.

***** End of Report *****